

**Class 1 Permit Modification Notification**

**Update Contingency Plan and Revised Part A**

**Waste Isolation Pilot Plant  
Carlsbad, New Mexico**

**WIPP HWFP #NM4890139088-TSDF**

## **Transmittal Letter**

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## **Acronyms and Abbreviations**

AFFF	Aqueous Foam Forming Film
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CFR	Code of Federal Regulations
CMR	Central Monitoring Room
CMRO	Central Monitoring Room Operator
DEPT	Department
DOE	Department of Energy
EOC	Emergency Operations Center
EST	Emergency Services Technician
EPA	United States Environmental Protection Agency
EC	Environmental Compliance
ES&H	Environment, Safety and Health
FM/FMD	Frequency Modulation; Facility Manager/Facility Manager Designee
FPT	Fire Protection Technician
FSM	Facility Shift Manager
HAZMAT	Hazardous Material
HEPA	High Efficiency Particulate Air (filter)
HWFP	Hazardous Waste Facility Permit
IMC	International Minerals Corporation (Kalium)
MOC	Management and Operating Contractor
MOU	Memorandum of Understanding
MRT	Mine Rescue Team
NA	Not Applicable
NFPA	National Fire Protection Association
NM	New Mexico
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
PA	Public Address
PMN	Permit Modification Notification
RCRA	Resource Conservation and Recovery Act
SARA	Superfund Amendments and Reauthorization Act
SCBA	Self-Contained Breathing Apparatus
SH	Salt Handling
SWB	Standard Waste Box
TDOP	Ten Drum Overpack
TRU	Transuranic
TRUPACT	Transuranic Package Transporter
TSDf	Treatment, Storage and Disposal Facility
U/G	Underground
UHF	Ultra-High Frequency
UPS	Uninterruptible Power Supply
UST	Underground Storage Tank
VHF	Very High Frequency
WIPP	Waste Isolation Pilot Plant
WTS	Westinghouse TRU Solutions LLC

## Overview of the Permit Modification Notification

This document contains ten Class 1 Permit Modification Notifications (**PMN**) to the Hazardous Waste Facility Permit (**HWFP**) at the Waste Isolation Pilot Plant (**WIPP**), Permit Number NM4890139088-TSDF hereinafter referred to as the WIPP HWFP.

This PMN is being submitted by the U.S. Department of Energy (**DOE**), Carlsbad Field Office and Westinghouse TRU Solutions LLC (**WTS**), collectively referred to as the Permittees, in accordance with the WIPP HWFP, Condition I.B.1 (20.4.1.900 New Mexico Administrative Code (**NMAC**) incorporating 40 Code of Federal Regulations (**CFR**) §270.42(a)). The PMN in this document is necessary to update the WIPP Resource Conservation and Recovery Act (**RCRA**) Contingency Plan. This change does not reduce the ability of the Permittees to provide continued protection to human health and the environment.

The requested modifications to the WIPP HWFP and related supporting documents are provided in this PMN. The proposed modification to the text of the WIPP HWFP has been identified using a double underline and revision bar in the right hand margin for added information, and a ~~strikeout~~ font for deleted information. All direct quotations are indicated by italicized text.

## **Attachment A**

### **Description of the Class 1 Permit Modification Notification**

**Table 1. Class 1 Hazardous Waste Facility Permit Modification Notification**

No.	Affected Permit Section	Item	Category	Attachment A Page #
1	a. 1. Attachment F, Section F-1	Update Contingency Plan to correct a typographical error.	A.2	A-3
2	a. 1. Attachment F, Section F-4a a. 2. Attachment F, Section F-9 a. 3. Table F-8 a. 4. Table F-9	Update Contingency Plan to reflect current emergency contact phone numbers, addresses, and organization names.	B.6.d	A-4
3	a. 1. Table F-6	Update plant based communications and update the heart monitor and defibrillator	A.3	A-15
4	a. 1. Table F-6 a. 2. Figure F-5	Change in the location of spill response equipment, radiation monitoring equipment, and underground portable eye wash stations and clarify the term "station" as used to reference equipment locations at the shafts.	B.6.b	A-16
5	a. 1. Figure F-12	Update the Incident Report Form to reflect current organizational titles.	B.6.d	A-17
6	a. 1. Attachment F, Section F-6 a. 2. Attachment F, Section F-9	Update Contingency Plan to reflect current location of the Alternate Emergency Operations Center (EOC).	B.6.d	A-18
7	a. 1. Attachment F, Section F-8	Update Contingency Plan to reflect current organizational titles.	B.6.d	A-20
8	a. 1. Table F-6	Remove the "# 2" from underground fuel station designation	A.1	A-22
9	a. 1. Table O1-1	Update the list of permits/approvals	A.1	A-23
10	a.1. Table F-7	Clarify the location of equipment in the RCRA Contingency Plan	A.1	A-40



## Item 1

### Description:

This PMN corrects a typographical error in the RCRA Contingency Plan.

### Basis:

The RCRA Contingency Plan currently states that *"TRU mixed waste containers, containing off-site waste, will not be not opened at the WIPP facility."* This sentence needs to be corrected to remove the double negative.

### Discussion:

This change to the RCRA Contingency Plan corrects a typographical error. This change will not impact the ability of the WIPP personnel to respond to any incident or unplanned event at the facility.

### Revised Permit Text:

a. 1. Attachment F, Section F-1

#### Containers

The waste containers that will be used at the WIPP facility qualify as "containers," in accordance with 20.4.1.101 NMAC (incorporating 40 CFR §260.10). That is, they are "portable devices in which a material is stored, transported, treated, disposed of, or otherwise handled."

TRU mixed waste containers, containing off-site waste, will not be ~~not~~ opened at the WIPP facility. Derived waste containers are kept closed at all times unless waste is being added or removed.

## Item 2

### Description:

This PMN updates telephone numbers and addresses for emergency notifications to local, state, and federal authorities in the RCRA Contingency Plan. This PMN also updates the name of IMC Fertilizer to IMC Kalium

### Basis:

Information for several local, state, and federal authorities identified in the RCRA Contingency Plan has been updated to reflect new telephone numbers and addresses.

The name of IMC Fertilizer was changed to IMC Kalium. The Contingency Plan has been updated to reflect this change.

### Discussion:

The telephone numbers, addresses, and names for these agencies have changed.

### Revised Permit Text:

#### a. 1. Attachment F, Section F-4a

##### Notification of Local, State, and Federal Authorities

After local authorities are notified, the RCRA Emergency Coordinator will ensure notification of the following:

- New Mexico Environment Department (NMED)  
Department of Public Safety  
24-Hour Emergency Reporting Telephone Number: (505) 827-9329  
FAX number: (505) 827-9368
- Department of Public Safety WIPP Coordinator  
Telephone Number: (505) ~~476-9628~~827-9221  
FAX number: (505) 829-3434
- Hazardous Materials Emergency Response, Chemical Safety Office,  
Department of Public Safety, State Emergency Response Commission  
Telephone number: (505) ~~827-9223~~476-9620  
FAX number: (505) ~~829-3434~~476-9695
- National Response Center  
Telephone number: 1-800-424-~~9300~~8802  
FAX number: (202) 479-7181

a. 2. Attachment F-9

Location of the Contingency Plan and Plan Revision

The owner/operator of the WIPP facility will ensure that copies of this Contingency Plan are available through the WIPP electronic controlled-document distribution system or in appropriate controlled-document locations throughout the facility and are, consequently, available to all emergency personnel and organizations described in Section F-2. In addition, the owner/operator will make copies available to the following outside agencies:

- Mississippi Potash Inc. and IMC KaliumFertilizer

a. 3. Attachment F, Table F-8

**TABLE F-8**  
**HAZARDOUS RELEASE REPORTING, FEDERAL**

Statute	Chemical Releases Covered	To Whom Report Will Be Made	What Will Be Reported	
			Immediately (Oral)	Subsequently (Written)
Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)/Superfund Amendments and Reauthorization Act (SARA) (40 CFR Part 302)	"Reportable quantities" of CERCLA/SARA "hazardous substances."	National Response Center: (800) 424-8802, State Emergency Response Commission: (505) <del>827-9223</del> <u>476-9620</u> (New Mexico State Police, Hazardous Materials Emergency Response), and Local Emergency Planning Committee: (505) 887-9511	1) Chemical identification; 2) what hazardous substance; 3) quantity released; 4) time, location and duration of release; 5) media of release; 6) health risks and medical advice; 7) proper precautions (e.g., evacuation); and 8) name and phone number of reporter and facility.	As soon as practicable, update of oral notice and response action taken. Send report to: New Mexico State Emergency Response Commission, Department of Public Safety, Title III Bureau, P.O. Box 1628, Santa Fe, New Mexico, 87504-1628, and Local Emergency Planning Committee, <u>101 W Greene Street, Suite 225</u> <del>100 North Canal, P.O. Box 1139</del> , Carlsbad, New Mexico, 88220 <u>1-1139</u> . National Response Center will contact the U.S. Environmental Protection Agency (EPA). EPA may request a written report.

**TABLE F-8**  
**HAZARDOUS RELEASE REPORTING, FEDERAL**

Statute	Chemical Releases Covered	To Whom Report Will Be Made	What Will Be Reported	
			Immediately (Oral)	Subsequently (Written)
<p>1 Emergency Planning and</p> <p>2 Community Right-to-Know</p> <p>3 Act (SARA Title III)</p> <p>4 (40 CFR Parts 302 and</p> <p>5 355)</p>	<p>SARA Title III</p> <p>"extremely hazardous substances."</p>	<p>National Response Center: (800) 424-8802, State Emergency Response Commission: (505) <del>827-9223</del><u>476-9620</u> (New Mexico State Police, Hazardous Materials Emergency Response), and Local Emergency Planning Committee: (505) 887-9511.</p>	<p>1) Chemical identification; 2) what extremely hazardous substance; 3) quantity released; 4) time, location and duration of release; 5) media of release; 6) health risks and medical advice; 7) proper precautions (e.g. evacuation); and 8) name and phone number of reporter and facility.</p>	<p>As soon as practicable, update of oral notice and response action taken. Send report to: New Mexico State Emergency Response Commission, Department of Public Safety, Title III Bureau, P.O. Box 1628, Santa Fe, New Mexico, 87504-1628, and Local Emergency Planning Committee, <u>101 W Greene Street, Suite 225</u><del>100 North Canal, P.O. Box 1139</del>, Carlsbad, New Mexico, <del>88220</del><u>88204-1139</u>. National Response Center will contact the U.S. Environmental Protection Agency (EPA) for an address if a written report is requested by EPA.</p>
<p>6 Resource Conservation</p> <p>7 and Recovery Act</p> <p>8 (RCRA), 40 CFR</p> <p>9 §§264.56(a) and 265.56(a)</p>	<p>Any imminent or actual emergency situation.</p>	<p>State or local agencies with designated response roles, if their help is needed: Carlsbad Police Department: 885-2111; Carlsbad Fire Department: 885-2111; Eddy County Sheriff: 887-7551.</p>	<p>What assistance is required.</p>	<p>Not Applicable (NA)</p>

**TABLE F-8**  
**HAZARDOUS RELEASE REPORTING, FEDERAL**

Statute	Chemical Releases Covered	To Whom Report Will Be Made	What Will Be Reported	
			Immediately (Oral)	Subsequently (Written)
1 RCRA, 40 CFR 2 §§264.56(d), 264.56(i), 3 265.56(d), and 265.56(i)	RCRA "hazardous waste" release, fire, or explosion, which could threaten human health or environment outside the facility.	National Response Center: (800) 424-8802 and State Emergency Response Commission: (505) <del>827-9223</del> <u>476-9620</u> (New Mexico State Police, Hazardous Materials Emergency Response).	(1) Name and telephone number of reporter; (2) name and telephone number of facility; (3) time and type of incident; (4) name and quantity of materials involved; (5) extent of injuries, if any; and (6) possible health or environmental hazards outside the facility.	Prior to resumption of operations, notify that: (1) no waste that may be incompatible with released material is treated, stored, or disposed of until cleanup is complete, and (2) all emergency equipment listed in the Contingency Plan is cleaned and fit for its intended use. Send to Secretary, New Mexico Environment Department, P.O. Box 26110, Santa Fe, New Mexico, 87502.

**TABLE F-8**  
**HAZARDOUS RELEASE REPORTING, FEDERAL**

Statute	Chemical Releases Covered	To Whom Report Will Be Made	What Will Be Reported	
			Immediately (Oral)	Subsequently (Written)
<p>1 RCRA, 40 CFR</p> <p>2 §§264.56(i), 264.56(j),</p> <p>3 265.56(i), and 265.56(j)</p>	Any incident which triggers implementation of Contingency Plan.	<p>New Mexico Environment Department, Emergency Response Office, 24-hour telephone: (505) 827-9329</p> <p><u>(emergencies); For non-emergencies contact (866) 428-6535 (24 hour voice mail)</u> or Monday to Friday, 8 am to 5 pm: (505) <del>428-2500</del><del>827-2915</del> or <del>(505) 827-0188</del>.</p>	NA	<p>Within 15 days: 1) name, address and telephone number of owner/operator; 2) name, address and telephone number of facility; 3) date, time and type of incident (e.g. fire, explosion); 4) name and quantity of materials involved; 5) extent of injuries, if any; 6) possible hazards to human health or the environment; 7) estimated quantity of material that resulted from the incident. Prior to resumption of operations, notify that: 1) no waste that may be incompatible with released material is treated, stored, or disposed of until cleanup is complete, and 2) all emergency equipment listed in the Contingency Plan is cleaned and fit for its intended use. Send to Secretary, New Mexico Environment Department, P.O. Box 26110, Santa Fe, New Mexico, 87502.</p>

a. 4. Attachment F, Table F-9

**TABLE F-9**  
**HAZARDOUS RELEASE REPORTING, STATE OF NEW MEXICO**

Regulations	Chemical Releases Covered	To Whom Report Will Be Made	What Will Be Reported	
			Immediately (Oral)	Subsequently (Written)
Title 20 of the New Mexico Administrative Code, Chapter 4, Part 1 (20.4.1 NMAC), Subpart V and Subpart VI	RCRA "hazardous waste" releases, fire, or explosion, which could threaten human health or environment outside the facility.	National Response Center: (800) 424-8802; State Emergency Response Commission and (505) <del>827-9223</del> <u>476-9620</u> (New Mexico State Police, Hazardous Materials Emergency Response)	1) Name and telephone number of reporter; 2) name and telephone number of facility; 3) time and type of incident; 4) name and quantity of material involved; 5) extent of injuries, if any; and 6) possible health or environmental hazards outside the facility.	Prior to resumption of operations, notify that: 1) no waste that may be incompatible with released material is treated, stored, or disposed of until cleanup is complete, and 2) all emergency equipment listed in the Contingency Plan is cleaned and fit for its intended use. Send to Secretary, New Mexico Environment Department, P.O. Box 26110, Santa Fe, New Mexico, 87502.



**TABLE F-9**  
**HAZARDOUS RELEASE REPORTING, STATE OF NEW MEXICO**

1  
2

Regulations	Chemical Releases Covered	To Whom Report Will Be Made	What Will Be Reported	
			Immediately (Oral)	Subsequently (Written)
20.4.1 NMAC, Subpart V and Subpart VI	Any incident which triggers implementation of Contingency Plan.	New Mexico Environment Department, Emergency Response Office, 24-hour telephone: (505) 827-9329 <u>(emergencies): For non-emergencies contact (866) 428-6535 (24 hour voice mail)</u> or Monday to Friday, 8 am to 5 pm: (505) <del>428-2500</del> <del>827-2915</del> or (505) 827-0188.	1) Name and telephone number of reporter; 2) name and address of facility; 3) name and quantity of materials involved, to extent known; 4) extent of injuries, if any; and 5) possible hazards to human health or the environment, outside the facility.	Within 15 days: 1) name, address and telephone number of owner/operator; 2) name, address and telephone number of facility; 3) date, time and type of incident (e.g., fire, explosion); 4) name and quantity of materials involved; 5) extent of injuries, if any; 6) possible hazards to human health or the environment; and 7) estimated quantity of material that resulted from the incident. Prior to resumption of operations, notify that: 1) no waste that may be incompatible with released material is treated, stored or disposed of until cleanup is complete, and 2) all emergency equipment listed in the Contingency Plan is cleaned and fit for its intended use. Send to Secretary, New Mexico Environment Department, P.O. Box 26110, Santa Fe, New Mexico, 87502.

**TABLE F-9**  
**HAZARDOUS RELEASE REPORTING, STATE OF NEW MEXICO**

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2  
3

Regulations	Chemical Releases Covered	To Whom Report Will Be Made	What Will Be Reported	
			Immediately (Oral)	Subsequently (Written)
New Mexico Emergency Management Act, Section 74-4B-5	Any accident (spill) involving hazardous materials (including hazardous substances, radioactive substances, or a combination thereof) which may endanger human health or the environment.	New Mexico Environment Department: (505) 827-9329, State Emergency Response Commission: (505) <del>827-9223</del> <u>476-9620</u> (New Mexico State Police, Hazardous Materials Emergency Response), and Local Emergency Planning Committee: (505) 887-9511	1) Name, address and telephone number of owner or operator; 2) name, address and telephone number of facility; 3) date, time and type of incident; 4) name and quantity of material(s) involved; 5) extent of any injuries; 6) assessment of actual or potential threat to environment or human health; and 7) estimated quantity and disposition of recovered material.	Written submission within one week of time permittees become aware of discharge. Same as oral and description of noncompliance and its cause, the period of noncompliance including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence. Send reports to New Mexico Environment Department, Chief, Ground Water Bureau, P.O. Box 26110, Santa Fe, New Mexico, 87502, New Mexico State Emergency Response Commission Department of Public Safety, Title III Bureau, P.O. Box 1628 Santa Fe, New Mexico, 87504-1628, and Local Emergency Planning Committee, <u>101 W Greene Street, Suite 225</u> <del>100 North Canal, P.O. Box 4439</del> , Carlsbad, New Mexico, <del>88220</del> <u>4439</u> .

**TABLE F-9**  
**HAZARDOUS RELEASE REPORTING, STATE OF NEW MEXICO**

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Regulations	Chemical Releases Covered	To Whom Report Will Be Made	What Will Be Reported	
			Immediately (Oral)	Subsequently (Written)
New Mexico Water Quality Control Commission, Part 1, Section 203	Any discharge from any facility of oil or any other water contaminant in such quantities as may, with reasonable probability, injure or be detrimental to human health, animal or plant life, or property.	Chief, Ground Water Bureau, New Mexico Environment Department, or his counterpart in any constituent agency delegated responsibility for enforcement of the rules as to any facility subject to such delegation (505) 827-2918.	Within 24 hours: 1) the name, address, and telephone number of the person or persons in charge of the facility; 2) the name, address, and telephone number of the owner/operator of the facility; 3) the date, time, location, and duration of the discharge; 4) the source and cause of the discharge; 5) a description of the discharge, including its chemical composition; and 6) the estimated volume of discharge, and immediate damage from the discharge.	Submit within seven days: verification of the prior oral notification, also provide any appropriate additions or corrections to the information contained in the prior oral notification. Within 15 days: submit a written report describing any corrective actions taken and/or to be taken relative to the discharge. Send reports to Chief, Ground Water Bureau, New Mexico Environment Department, P.O. Box 26110, Santa Fe, New Mexico, 87502.

**TABLE F-9**  
**HAZARDOUS RELEASE REPORTING, STATE OF NEW MEXICO**

1  
2  
3

Regulations	Chemical Releases Covered	To Whom Report Will Be Made	What Will Be Reported	
			Immediately (Oral)	Subsequently (Written)
New Mexico Underground Storage Tank Regulations-2	Any known or suspected release from an Underground Storage Tank (UST) system, any spill or any other emergency situation.	New Mexico Environment Department (Hazardous Waste Bureau): (505) 827-9329.	Within 24 hours: 1) the name, address, and telephone number of the agent in charge of the site at which the UST system is located, as well as the owner/operator of the system; 2) the name and address of the site and the location of the UST system on that site; 3) the date, time, location, and duration of the spill, release, or suspected release; 4) the source and cause of the spill, release, or suspected release; 5) a description of the spill, release, or suspected release, including its chemical composition; 6) the estimated volume of the spill, release, or suspected release; and 7) action taken to mitigate immediate damage from the spill, release, or suspected release.	Mail or deliver within seven days of the incident, a written notice describing the spill, release, or suspected release and any investigation or follow-up action taken or to be taken. Send reports to Underground Storage Tank Program, New Mexico Environment Department, P.O. Box 26110, Santa Fe, New Mexico, 87502.

### Item 3

#### Description:

This PMN updates the descriptions of the plant base radio and adds additional channel capabilities and updates the description of the monitor/defibrillator in the RCRA Contingency Plan.

#### Basis:

The plant base radio no longer uses UHF bands for communications. Very high frequency (**VHF**)-frequency modulation (**FM**) frequencies provide communications with emergency response agencies identified in Table F-6. Eighteen channels are available. In the event communications with VHF-FM frequencies are interrupted, cellular telephones may be used as an alternate means of communications.

The Laerdal 3000 ZRS monitor/defibrillator has been replaced with the Zoll Model 1600 monitor/defibrillator which has functionally equivalent capabilities.

#### Discussion:

This change to the RCRA Contingency Plan updates the description of the plant base radio and the monitor/defibrillator.

#### Revised Permit Text:

a. 1. Attachment F, Table F-6

Table F-6 is shown in Attachment B of this modification package.

## Item 4

### Description:

This PMN updates the location of spill response equipment, radiation monitoring equipment, and underground portable eye wash stations and clarifies the term "station" as it is used to reference equipment locations at the shafts in the RCRA Contingency Plan.

### Basis:

The spill response equipment (overpack containers, HEPA vacuums, aquaset or cement, polyvinyl alcohol or paint, TDOP upender, and non-hazardous decontaminating agents) was moved to Building 481 from the Waste Handling Building (Building 411) to facilitate access to the equipment in the event of a spill or release in the Waste Handling Building. The radiation monitoring equipment (portable alpha and beta survey meters, portable air samplers, and portable continuous air monitors) was moved from Building 451 to the Building 412 to move the equipment closer to waste handling activities. The underground eye wash stations have been relocated to support current operations and activities in the underground.

The locations of emergency equipment listed in Table F-6 at the Waste Shaft Station and Salt Handling Shaft Station have been clarified. The term "station" refers to any programmed stop of the hoist, which can include maintenance stops. Because not all of the equipment is available at every programmed stop, the emergency equipment located at the surface loading station has been clarified as being at the "collar" and the equipment located at the underground loading station has been clarified with the addition of the word "underground."

The Miner's Aid Station locations have been clarified to indicate that they are at various underground locations.

The RCRA Contingency Plan has been updated to reflect the current locations of emergency response equipment.

### Discussion:

This change to the RCRA Contingency Plan updates emergency equipment locations.

### Revised Permit Text:

a. 1. Attachment F, Table F-6

Table F-6 is shown in Attachment B of this modification package.

a. 2. Attachment F, Figure F-5

Figure F-5 is shown in Attachment B of this modification package.

## Item 5

### Description:

This PMN updates the Hazardous Materials Incident Report Form in the RCRA Contingency Plan.

### Basis:

The Hazardous Materials Incident Report Form in the RCRA Contingency Plan has been updated to reflect current WTS organizational titles. "Environmental Compliance & Support" previously completed Block VIII on the form. "Hazardous Waste Operations" previously completed Block XI on the form. The information from both blocks is now completed by "Environmental Compliance" (EC) in Block VIII. The updated form reflects this change.

### Discussion:

This change to the RCRA Contingency Plan updates the Hazardous Materials Incident Report Form.

### Revised Permit Text:

a. 1. Attachment F, Figure F-12

Figure F-12 is shown in Attachment B of this modification package.

## Item 6

### Description:

This PMN updates the location of the Alternate Emergency Operations Center (EOC) in the RCRA Contingency Plan.

### Basis:

The location of the Alternate EOC in the RCRA Contingency Plan has been changed from the Living Desert State Park to the Skeen-Whitlock Building. The joint powers agreement among the DOE; the City of Carlsbad, New Mexico; Eddy County, New Mexico; and the New Mexico Energy, Minerals, and Natural Resources Department has been revised to remove the reference to the location of the Alternate EOC.

### Discussion:

This change to the RCRA Contingency Plan updates the location of the Alternate EOC.

### Revised Permit Text:

#### a. 1. Attachment F, Section F-6

##### Coordination Agreements

The Permittees have established MOUs with off-site emergency response agencies for firefighting, medical assistance, hazardous materials response, and law enforcement. In the event that on-site response resources are unable to provide all the needed response actions during either a medical, fire, hazardous materials, or security emergency, the RCRA Emergency Coordinator will notify appropriate off-site response agencies and request assistance. Once on site, off-site emergency response agency personnel will be under the direction of the RCRA Emergency Coordinator.

The MOUs with off-site cooperating agencies are available from the Permittees. A listing and description of the MOUs with state and local agencies and mining operations in the vicinity of the WIPP facility, as required by 20.4.1.500 NMAC (incorporating 40 CFR §264.37 and §264.52(c)), are:

- An agreement among the Permittees, Mississippi Potash Inc. and IMC Kalium provides for the mutual aid and assistance, in the form of MRTs, in the event of a mine disaster or other circumstance at either of the two facilities. This provision ensures that the WIPP MOC will have two MRTs available at all times when miners are underground.
- A joint powers agreement among the DOE; the City of Carlsbad, New Mexico; Eddy County, New Mexico; and the New Mexico Energy, Minerals, and Natural Resources Department ~~for Alternate EOC~~ provides for the coordination of emergency plans, including the DOE emergency radiological response plans;



1 provides for participation in periodic exercises, drills, and training; ~~provides for~~  
2 ~~establishing and maintaining an alternate EOC at the Living Desert State Park;~~  
3 and assigns responsibilities to the participants.

4 a. 2. Attachment F-9

5 Location of the Contingency Plan and Plan Revision

6 The owner/operator of the WIPP facility will ensure that copies of this Contingency Plan are  
7 available through the WIPP electronic controlled-document distribution system or in  
8 appropriate controlled-document locations throughout the facility and are, consequently,  
9 available to all emergency personnel and organizations described in Section F-2. In  
10 addition, the owner/operator will make copies available to the following outside agencies:

- 11 ● Mississippi Potash Inc. and IMC Fertilizer
- 12 ● New Mexico Energy, Minerals, and Natural Resources Department for Alternate  
13 ~~EOC at the Living Desert State Park Office, Carlsbad~~

## Item 7

### Description:

This PMN updates the organizational titles responsible for completing the Hazardous Materials Incident Report Form in the RCRA Contingency Plan.

### Basis:

The functions Environmental Compliance and Support and Hazardous Waste Operations have been combined under Environmental Compliance.

### Discussion:

This change to the RCRA Contingency Plan updates organizational titles.

### Revised Permit Text:

a. 1. Attachment F, Section F-8

#### Required Reports

The RCRA Emergency Coordinator, on behalf of the Permittees, will note in the operating record the time, date, and details of any incident that requires implementing this Contingency Plan. This notation will be in the facility log maintained by the CMRO. In compliance with 20.4.1.500 NMAC (incorporating 40 CFR §264.56(j)), within 15 days after the incident, the Permittees will ensure that a written report on the incident will be submitted to the EPA Region VI Administrator and to the Secretary of the NMED. The report will include:

- The name, address, and telephone number of the Owner/Operator
- The name, address, and telephone number of the facility
- The date, time, and type of incident (e.g., fire, explosion or release)
- The name and quantity of material(s) involved
- The extent of injuries, if any
- An assessment of actual or potential hazards to human health or the environment, where this is applicable
- The estimated quantity and disposition of recovered material that resulted from the incident

1 In addition to the above report, the Permittees will ensure that the ES&H Manager, or  
2 designee, submits reports to the appropriate agencies as listed in Tables F-8 and F-9.

3 In accordance with 20.4.1.500 NMAC (incorporating 40 CFR §264.56(i)), the Permittees will  
4 notify the Secretary of the NMED and EPA Region VI Administrator that the WIPP facility  
5 is in compliance with requirements for the cleanup of areas affected by the emergency and  
6 that emergency equipment used in the emergency response has been cleaned, repaired,  
7 or replaced and is fit for its intended use prior to the resumption of waste management  
8 operations in affected areas. The means the WIPP facility will use to meet these  
9 requirements are described in Sections F-4e, F-4f, F-4g, and F-4h.

10 The WIPP requires the EST/FPT to initiate the "WIPP Hazardous Materials Incident  
11 Report" if the Contingency Plan is implemented. A form is attached as Figure F-12. The  
12 form is initiated by the EST/FPT. The RCRA Emergency Coordinator, CMRO, and  
13 ~~Environmental Compliance & Support representative, and a Hazardous Waste Operations~~  
14 ~~representatives~~ complete their respective sections.

## Item 8

### Description:

This PMN removes the designation of the underground fuel station in the RCRA Contingency Plan.

### Basis:

Table F-6 identifies one location of an underground fire detection and control panel as being at "*Fuel Station #2.*" There is only one fuel station located in the underground, therefore this change removes the designation "#2" from this reference.

### Discussion:

This change to the RCRA Contingency Plan updates the designation of the underground fuel station.

### Revised Permit Text:

a. 1. Attachment F, Table F-6

Table F-6 is shown in Attachment B of this modification package.

## Item 9

### **Description:**

This PMN updates the list of active environmental permits/approvals.

### **Basis:**

Table O1-1 identifies the list of active environmental permits/approvals as of April 1, 1996. Several of the permits identified have expired or been terminated. This change updates the list of active environmental permits/approvals.

### **Discussion:**

This change to Table O1-1 updates the list of active environmental permits/approvals.

**Revised Permit Text:**

a. 1. Attachment O, Table O1-1

TABLE O1-1

ACTIVE ENVIRONMENTAL PERMITS/APPROVALS AS OF 4/1/96

Granting Agency	Type of Permit	Number	Granted/ Submitted	Expiration	Permit Status
Department of Interior, Bureau of Land Management	Right-of-Way for Water Pipeline	NMM53809	8/17/83	None	Active
Department of Interior, Bureau of Land Management	Right-of-Way for the North Access Road	NM55676	8/24/83	None	Active
Department of Interior, Bureau of Land Management	Right-of-Way for Railroad	NM55699	9/27/83	None	Active
Department of Interior, Bureau of Land Management	Right-of-Way for Dosimetry and Aerosol Sampling Sites	NNM63436	7/31/86	None	Active
Department of Interior, Bureau of Land Management	Right-of-Way for Seven Subsidence Monuments	NM65804	11/7/86	None	Active
Department of Interior, Bureau of Land Management	Right-of-Way for Aerosol Sampling Site	NM77924	8/18/89	8/18/2019	Active
Department of Interior, Bureau of Land Management	Right-of-Way for Ten Raptor Nesting Platforms	NM82212	9/12/89	12/13/2019	Active
Department of the Interior, Bureau of Land Management	Right-of-Way for Survey Monument Installation	NM82245	12/13/89	12/13/2019	Active
Department of Interior, Bureau of Land Management	Approval to Drill 2 Additional Test Wells on Existing Pads at P-1 and P-2	None	9/18/86	None	Active <sup>†</sup>
Department of Interior, Bureau of Land Management	Free Use Permit for Caliche Extraction	NM-FU5 94405	6/6/95	5/12/98	Active

Granting Agency	Type of Permit	Number	Granted/ Submitted	Expiration	Permit Status
New Mexico Environment Department	Open Burning Permit to Train Fire Control Crews	None	2/20/95	3/1/96	Canceled 10/25/95 Open burn training no longer conducted on site.
New Mexico Environment Department	Operating Permit for two Backup Generators	310-M-2	12/7/93	None	Active
New Mexico Environment Department	Discharge Plan Approval	DP-831	1/16/92	1/16/97	Active
New Mexico Environment Department	Acknowledgment of Notification of Hazardous Waste Activity (WIPP)	NM48901 39088	1/88	None	Active
New Mexico Department of Game and Fish	Individual Banding	1961	2/16/96		Pending
New Mexico Department of Game and Fish	Master Collecting	1894	3/1/95	3/1/97	Active
New Mexico Department of Game and Fish	Concurrence that WIPP construction activities will have no significant impact on State-listed threatened or endangered Species	None	5/26/89	None	Active
New Mexico State Engineer Office	H-19b1 well, permit to appropriate the underground waters of New Mexico for monitoring and characterization	G-2420	11/10/94	1/31/98	Active
New Mexico State Engineer Office	H-19b2 well, permit to appropriate the underground waters of New Mexico for monitoring and characterization	G-2421	11/10/94	1/31/98	Active

	Granting Agency	Type of Permit	Number	Granted/ Submitted	Expiration	Permit Status
1	New Mexico State Engineer Office	H-19b3 well, permit to appropriate the underground waters of New Mexico for monitoring and characterization	-C-2422	11/10/94	-1/31/98	-Active
2	New Mexico State Engineer Office	H-19b4 well, permit to appropriate the underground waters of New Mexico for monitoring and characterization	-C-2423	11/10/94	-1/31/98	-Active
3	New Mexico State Engineer Office	H-19b5 well, permit to appropriate the underground waters of New Mexico for monitoring and characterization	-C-2424	11/10/94	-1/31/98	-Active
4	New Mexico State Engineer Office	H-19b6 well, permit to appropriate the underground waters of New Mexico for monitoring and characterization	-C-2425	11/10/94	-1/31/98	-Active
5	New Mexico State Engineer Office	WQSP-1 well, permit to appropriate the underground waters of New Mexico for monitoring and characterization	-C-2413	11/10/94	-1/31/96	Resubmittal Pending
6	New Mexico State Engineer Office	WQSP-2 well, permit to appropriate the underground waters of New Mexico for monitoring and characterization	-C-2414	11/10/94	-1/31/96	Resubmittal Pending
7	New Mexico State Engineer Office	WQSP-3 well, permit to appropriate the underground waters of New Mexico for monitoring and characterization	-C-2415	11/10/94	-1/31/96	-Resubmittal Pending
8	New Mexico State Engineer Office	WQSP-4 well, permit to appropriate the underground waters of New Mexico for monitoring and characterization	-C-2416	11/10/94	-1/31/96	-Resubmittal Pending



	Granting Agency	Type of Permit	Number	Granted/ Submitted	Expiration	Permit Status
1	New Mexico State Engineer Office	WQSP-5 well, permit to appropriate the underground waters of New Mexico for monitoring and characterization	-C-2417	11/10/94	-1/31/96	Resubmittal Pending
2	New Mexico State Engineer Office	WQSP-6 well, permit to appropriate the underground waters of New Mexico for monitoring and characterization	-C-2418	11/10/94	-1/31/96	Resubmittal Pending
3	New Mexico State Engineer Office	WQSP-6a well, permit to appropriate the underground waters of New Mexico for monitoring and characterization	-C-2419	11/10/94	-1/31/96	Resubmittal Pending
4	U.S. Department of the Interior, Fish and Wildlife Service	Master Personal Banding	22478	5/19/93	6/30/98	Active
6	U.S. Department of the Interior, Fish and Wildlife Service	Concurrence that WIPP construction activities will have no significant impact on Federally-listed threatened or endangered species	None	5/29/80	None	Active
8	New Mexico Commissioner of Public Lands	Right-of-Way for High Volume Air Sampler	RW-22789	10/3/85	10/3/2020	Active
10	New Mexico Department of Finance and Administrative Planning Division, Historic Preservation Bureau	Concurrence that the DOE Archaeological Resources Protection Plan is adequate to mitigate any adverse impacts upon cultural resources resulting from construction of the WIPP facility	None	7/25/83	None	Active
14	New Mexico Environment Department	Notification of the presence of 2 Underground Storage Tanks	None	4/15/86	None	Active
16	U.S. Environmental Protection Agency	Conditional No-Migration Determination for the Test Phase	None	11/14/90	11/14/2000	Active

Granting Agency	Type of Permit	Number	Granted/ Submitted	Expiration	Permit Status
U.S. Environmental Protection Agency	NESHAPS (Radionuclides)	None	2/19/91 Data package submitted to the EPA		
U.S. Environmental Protection Agency	NPDES Storm Water General Permit	NMR00A021	12/31/92	12/31/97	Active

<sup>4</sup> Existing pads P-1 and P-2, as of October 1992, belong to the U.S. Department of Energy (DOE). Therefore this permit is no longer needed through the granting agency.

**ACTIVE ENVIRONMENTAL PERMITS AND APPROVALS FOR THE WASTE ISOLATION PILOT PLANT**

**As of May 06, 2002**

	<u>Granting Agency</u>	<u>Type of Permit</u>	<u>Permit Number</u>	<u>Granted/ Submitted</u>	<u>Expiration</u>	<u>Current Permit Status</u>
1.	<u>Department of the Interior, Bureau of Land Management</u>	<u>Right-of-Way for Water Pipeline</u>	<u>NM53809</u>	<u>08/17/83</u>	<u>In Perpetuity</u>	<u>Active</u>
2.	<u>Department of the Interior, Bureau of Land Management</u>	<u>Right-of-Way for the North Access Road</u>	<u>NM55676</u>	<u>08/24/83</u>	<u>None</u>	<u>Active</u>
3.	<u>Department of the Interior, Bureau of Land Management</u>	<u>Right-of-Way for Railroad</u>	<u>NM55699</u>	<u>09/27/83</u>	<u>None</u>	<u>Active</u>
4.	<u>Department of the Interior, Bureau of Land Management</u>	<u>Right-of-Way for Dosimetry and Aerosol Sampling Sites</u>	<u>NM63136</u>	<u>07/31/86</u>	<u>07/31/11</u>	<u>Active</u>
5.	<u>Department of the Interior, Bureau of Land Management</u>	<u>Right-of-Way for Seven Subsidence Monuments</u>	<u>NM65801</u>	<u>11/07/86</u>	<u>None</u>	<u>Active</u>
6.	<u>Department of the Interior, Bureau of Land Management</u>	<u>Right-of-Way for Aerosol Sampling Site</u>	<u>NM77921</u>	<u>08/18/89</u>	<u>08/18/19</u>	<u>Active</u>
7.	<u>Department of the Interior, Bureau of Land Management</u>	<u>Right-of-Way for 2 Survey Monuments</u>	<u>NM82245</u>	<u>12/13/89</u>	<u>12/13/19</u>	<u>Active</u>
8.	<u>Department of the Interior, Bureau of Land Management</u>	<u>Right-of-Way for telephone cable</u>	<u>NM46029</u>	<u>07/03/90</u>	<u>09/04/11</u>	<u>Active</u>
9.	<u>Department of the Interior, Bureau of Land Management</u>	<u>Right-of-Way for SPS Powerline</u>	<u>NM43203</u>	<u>02/20/96</u>	<u>10/19/11</u>	<u>Active</u>
10.	<u>Department of the Interior, Bureau of Land Management</u>	<u>Right-of-Way for South Access Road</u>	<u>NM46130</u>	<u>09/26/94</u>	<u>08/17/31</u>	<u>Active</u>

	<u>Granting Agency</u>	<u>Type of Permit</u>	<u>Permit Number</u>	<u>Granted/ Submitted</u>	<u>Expiration</u>	<u>Current Permit Status</u>
1	<u>11.</u> Department of the Interior, Bureau of Land Management	<u>Right-of-Way for Duval telephone line</u>	<u>NM60174</u>	<u>11/06/96</u>	<u>03/08/15</u>	<u>Active</u>
2	<u>12.</u> Department of the Interior, Bureau of Land Management	<u>Right-of-Way for Wells AEC-7 &amp; AEC-8</u>	<u>NM300603-SLU-12</u>	<u>07/23/75</u>	<u>None</u>	<u>Active</u>
3	<u>13.</u> Department of the Interior, Bureau of Land Management	<u>Right-of-Way for ERDA-6</u>	<u>NM300605-SLU-29</u>	<u>05/12/75</u>	<u>None</u>	<u>Active</u>
4	<u>14.</u> Department of the Interior, Bureau of Land Management	<u>Right-of-Way for Monitoring Wells C-2752 (ERDA-9) &amp; C-2765 (H-1)</u>	<u>NM0606-SLU-34</u>	<u>03/31/76</u>	<u>None</u>	<u>Active</u>
5	<u>15.</u> Department of the Interior, Bureau of Land Management	<u>Right-of-Way for ERDA 11</u>	<u>NM0607-LUP-63</u>	<u>08/19/77</u>	<u>None</u>	<u>Active</u>
6	<u>16.</u> Department of the Interior, Bureau of Land Management	<u>Right-of-Way for ERDA-13</u>	<u>NM0606-SLU-38</u>	<u>07/15/77</u>	<u>None</u>	<u>Active</u>
7	<u>17.</u> Department of the Interior, Bureau of Land Management	<u>Right-of-Way for ERDA-14</u>	<u>NM0607-TUP-62</u>	<u>06/29/77</u>	<u>None</u>	<u>Active</u>
8	<u>18.</u> Department of the Interior, Bureau of Land Management	<u>Right-of-Way for Monitoring Wells C-2762 (H-2) &amp; C-2764 (H-3)</u>	<u>NM0606-SLU-41</u>	<u>07/14/77</u>	<u>None</u>	<u>Active</u>
9	<u>19.</u> Department of the Interior, Bureau of Land Management	<u>Right-of-Way for Wells P-1, P-2, P-3, &amp; P-4</u>	<u>NM060-SLU-48</u>	<u>05/16/77</u>	<u>None</u>	<u>Active</u>
10	<u>20.</u> Department of the Interior, Bureau of Land Management	<u>Right-of-Way for Wells P-5, P-6, &amp; P-7</u>	<u>NM060-SLU-50</u>	<u>05/16/77</u>	<u>None</u>	<u>Active</u>

	<u>Granting Agency</u>	<u>Type of Permit</u>	<u>Permit Number</u>	<u>Granted/ Submitted</u>	<u>Expiration</u>	<u>Current Permit Status</u>
1	<u>21.</u> Department of the Interior, Bureau of Land Management	Right-of-Way for Wells P-8, P-9, P-12, P-13, P-20, & Monitoring Wells C-2637 (P-14), C-2686 (P-15), C-2756 (P-18)	NM060-SLU-52	05/16/77	None	Active
2	<u>22.</u> Department of the Interior, Bureau of Land Management	Right-of-Way for Wells P-10, P-11, P-16, P-19, P-21, & Monitoring Well C-2774 (P-17)	NM0606-SLU-54	11/08/76	None	Active
3	<u>23.</u> Department of the Interior, Bureau of Land Management	Right-of-Way for archaeological clearance for Wells P-5 – P-21	NM-6-5 Cooperative Agreement	05/19/81	None	Active
4	<u>24.</u> Department of the Interior, Bureau of Land Management	Right-of-Way for access road for Monitoring Wells C-2639 (WIPP-12) & C-2748 (WIPP-13)	NM-6-5 Cooperative Agreement	04/19/78	None	Active
5	<u>25.</u> Department of the Interior, Bureau of Land Management	Right-of-Way for Meteorological Tower	NM060-SLU-43	02/04/77	None	Active
6	<u>26.</u> Department of the Interior, Bureau of Land Management	Right-of-Way for Aerosol Sampler	NM067-LUP-221	05/25/85	None	Active
7	<u>27.</u> Department of the Interior, Bureau of Land Management	Right-of-Way for North Access Road Batch Plant	NM060-LUP-212	10/09/84	None	Active
8	<u>28.</u> Department of the Interior, Bureau of Land Management	Right-of-Way for Construction Landfill	NM067-LUP-219	12/08/95	None	Active
9	<u>29.</u> Department of the Interior, Bureau of Land Management	Right-of-Way for Monitoring Well C-2664 (Cabin Baby)	NM0606-SLU-40	07/14/76	None	Active
10	<u>30.</u> Department of the Interior, Bureau of Land Management	Right-of-Way for Seismic Monitoring Station	NM85426	09/23/91	None	Active

	<u>Granting Agency</u>	<u>Type of Permit</u>	<u>Permit Number</u>	<u>Granted/ Submitted</u>	<u>Expiration</u>	<u>Current Permit Status</u>	
1	<u>31.</u>	<u>Department of the Interior, Bureau of Land Management</u>	<u>Right-of-Way for Monitoring Wells C-2684 (WIPP-18), C-2755 (WIPP-19), C-2754 (WIPP-21) &amp; Well WIPP-22</u>	<u>NM-6-5 Cooperative Agreement</u>	<u>03/02/78</u>	<u>None</u>	<u>Active</u>
2	<u>32.</u>	<u>Department of the Interior, Bureau of Land Management</u>	<u>Right-of-Way for Well WIPP-15</u>	<u>NM-6-5 Cooperative Agreement</u>	<u>01/19/78</u>	<u>None</u>	<u>Active</u>
3	<u>33.</u>	<u>Department of the Interior, Bureau of Land Management</u>	<u>Right-of-Way for Wells C-2725 (H-4A), C-2775 (H-4B), &amp; C-2776 (H-4C)</u>	<u>NM-6-5 Cooperative Agreement</u>	<u>04/27/78</u>	<u>None</u>	<u>Active</u>
4	<u>34.</u>	<u>Department of the Interior, Bureau of Land Management</u>	<u>Right-of-Way for Monitoring Wells C-2723 (WIPP-25), C-2724 (WIPP-26), C-2722 (WIPP-27), C-2636 (WIPP-28), C-2743 (WIPP-29), &amp; C-2727 (WIPP-30)</u>	<u>NM-6-5 Cooperative Agreement</u>	<u>06/14/78</u>	<u>None</u>	<u>Active</u>
5	<u>35.</u>	<u>Department of the Interior, Bureau of Land Management</u>	<u>Right-of-Way for Monitoring Well C-2748 (WIPP13)</u>	<u>NM-6-5 Cooperative Agreement</u>	<u>05/03/78</u>	<u>None</u>	<u>Active</u>
6	<u>36.</u>	<u>Department of the Interior, Bureau of Land Management</u>	<u>Right-of-Way for Well WIPP-11</u>	<u>NM-6-5 Cooperative Agreement</u>	<u>12/19/77</u>	<u>None</u>	<u>Active</u>
7	<u>37.</u>	<u>Department of the Interior, Bureau of Land Management</u>	<u>Right-of-Way for Dosimetry &amp; Aerosol Sampling Sites</u>	<u>NM63136</u>	<u>07/31/86</u>	<u>07/31/11</u>	<u>Active</u>
8	<u>38.</u>	<u>Department of the Interior, Bureau of Land Management</u>	<u>Right-of-Way for Aerosol Sampling Sites</u>	<u>NM77921</u>	<u>10/03/89</u>	<u>08/18/19</u>	<u>Active</u>

	<u>Granting Agency</u>	<u>Type of Permit</u>	<u>Permit Number</u>	<u>Granted/ Submitted</u>	<u>Expiration</u>	<u>Current Permit Status</u>
1	<u>39.</u> <u>Department of the Interior, Bureau of Land Management</u>	<u>Right-of-Way easement for accessing state trust lands in Eddy &amp; Lea Counties</u>	<u>NM25430</u>	<u>02/29/00</u>	<u>09/28/04</u>	<u>Active</u>
2	<u>40.</u> <u>Department of the Interior, Bureau of Land Management</u>	<u>Free-Use Caliche Extraction Permit</u>	<u>NM105004</u>	<u>10/12/00</u>	<u>10/12/01</u>	<u>Inactive Will be renewed when required</u>
3	<u>41.</u> <u>U.S. Department of the Interior, Fish and Wildlife Service</u>	<u>Concurrence that WIPP construction activities will have no significant impact on federally-listed threatened or endangered species</u>	<u>None</u>	<u>05/29/80</u>	<u>None</u>	<u>Active</u>
4	<u>42.</u> <u>U.S. Department of the Interior, Fish and Wildlife Service</u>	<u>Master Personal Banding</u>	<u>#22478</u>	<u>05/19/93</u>	<u>Auto. Renewed every 3 years</u>	<u>Active</u>
5	<u>43.</u> <u>U.S. Environmental Protection Agency</u>	<u>National Pollutant Discharge Elimination System (NPDES) Storm Water Multi-Sector General Permit issued for use in the State of New Mexico</u>	<u>NMR05A823</u>	<u>01/31/01</u>	<u>09/29/05</u>	<u>Inactive Terminated 01/07/02</u>
6	<u>44.</u> <u>New Mexico Commissioner of Public Lands</u>	<u>Right-of-Way for High Volume Air Sampler</u>	<u>RW-22789</u>	<u>10/03/85</u>	<u>10/03/20</u>	<u>Active</u>
7	<u>45.</u> <u>New Mexico Environment Department Groundwater Bureau</u>	<u>Discharge Permit</u>	<u>DP-831</u>	<u>07/03/97</u>	<u>07/03/02</u>	<u>Active</u>

	<u>Granting Agency</u>	<u>Type of Permit</u>	<u>Permit Number</u>	<u>Granted/ Submitted</u>	<u>Expiration</u>	<u>Current Permit Status</u>
1	<u>46.</u> <u>New Mexico Environment Department Air Quality Bureau</u>	<u>Operating Permit for two backup diesel generators</u>	<u>310-M-2</u>	<u>12/07/93</u>	<u>None</u>	<u>Active</u>
2	<u>47.</u> <u>New Mexico Department of Game and Fish</u>	<u>Concurrence that WIPP construction activities will have no significant impact on state-listed threatened or endangered species</u>	<u>None 07/25/83</u>	<u>05/26/89</u>	<u>None</u>	<u>Active</u>
3	<u>48.</u> <u>New Mexico Environment Department-UST Bureau</u>	<u>Underground Storage Tanks</u>	<u>NMED1198 (Number changes annually)</u>	<u>07/01/01</u>	<u>06/30/02</u>	<u>Active</u>
4	<u>49.</u> <u>New Mexico Environment Department, Solid Waste Bureau</u>	<u>Solid Waste Hauler Registration</u>	<u>006655</u>	<u>12/01/99</u>	<u>None</u>	<u>Active</u>
5	<u>50.</u> <u>New Mexico Environment Department, Solid Waste Bureau</u>	<u>Solid Waste Hauler Registration</u>	<u>040889</u>	<u>01/16/01</u>	<u>None</u>	<u>Active</u>
6	<u>51.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well Exhaust Shaft Exploratory Borehole</u>	<u>C-2801</u>	<u>02/23/01</u>	<u>None</u>	<u>Active</u>
7	<u>52.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well Exhaust Shaft Exploratory Borehole</u>	<u>C-2802</u>	<u>02/23/01</u>	<u>None</u>	<u>Active</u>
8	<u>53.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well Exhaust Shaft Exploratory Borehole</u>	<u>C-2803</u>	<u>02/23/01</u>	<u>None</u>	<u>Active</u>
9	<u>54.</u> <u>New Mexico State Engineer Office</u>	<u>Appropriation: WQSP-1 Well</u>	<u>C-2413</u>	<u>10/21/96</u>	<u>None</u>	<u>Active</u>



	<u>Granting Agency</u>	<u>Type of Permit</u>	<u>Permit Number</u>	<u>Granted/ Submitted</u>	<u>Expiration</u>	<u>Current Permit Status</u>
1	<u>55.</u> New Mexico State Engineer Office	<u>Appropriation: WQSP-2 Well</u>	<u>C-2414</u>	<u>10/21/96</u>	<u>None</u>	<u>Active</u>
2	<u>56.</u> New Mexico State Engineer Office	<u>Appropriation: WQSP-3 Well</u>	<u>C-2415</u>	<u>10/21/96</u>	<u>None</u>	<u>Active</u>
3	<u>57.</u> New Mexico State Engineer Office	<u>Appropriation: WQSP-4 Well</u>	<u>C-2416</u>	<u>10/21/96</u>	<u>None</u>	<u>Active</u>
4	<u>58.</u> New Mexico State Engineer Office	<u>Appropriation: WQSP-5 Well</u>	<u>C-2417</u>	<u>10/21/96</u>	<u>None</u>	<u>Active</u>
5	<u>59.</u> New Mexico State Engineer Office	<u>Appropriation: WQSP-6 Well</u>	<u>C-2418</u>	<u>10/21/96</u>	<u>None</u>	<u>Active</u>
6	<u>60.</u> New Mexico State Engineer Office	<u>Appropriation: WQSP-6a Well</u>	<u>C-2419</u>	<u>10/21/96</u>	<u>None</u>	<u>Active</u>
7	<u>61.</u> New Mexico State Engineer Office	<u>Monitoring Well AEC-7</u>	<u>C-2742</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
8	<u>62.</u> New Mexico State Engineer Office	<u>Monitoring Well AEC-8</u>	<u>C-2744</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
9	<u>63.</u> New Mexico State Engineer Office	<u>Monitoring Well Cabin Baby</u>	<u>C-2664</u>	<u>07/30/99</u>	<u>None</u>	<u>Active</u>
10	<u>64.</u> New Mexico State Engineer Office	<u>Monitoring Well D-268</u>	<u>C-2638</u>	<u>01/12/99</u>	<u>None</u>	<u>Active</u>
11	<u>65.</u> New Mexico State Engineer Office	<u>Monitoring Well DOE-1</u>	<u>C-2757</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
12	<u>66.</u> New Mexico State Engineer Office	<u>Monitoring Well DOE-2</u>	<u>C-2682</u>	<u>04/17/00</u>	<u>None</u>	<u>Active</u>
13	<u>67.</u> New Mexico State Engineer Office	<u>Monitoring Well ERDA-9</u>	<u>C-2752</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
14	<u>68.</u> New Mexico State Engineer Office	<u>Monitoring Well H-1</u>	<u>C-2765</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
15	<u>69.</u> New Mexico State Engineer Office	<u>Monitoring Well H-2A</u>	<u>C-2762</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
16	<u>70.</u> New Mexico State Engineer Office	<u>Monitoring Well H-2B1</u>	<u>C-2758</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>

	<u>Granting Agency</u>	<u>Type of Permit</u>	<u>Permit Number</u>	<u>Granted/ Submitted</u>	<u>Expiration</u>	<u>Current Permit Status</u>
1	<u>71.</u> New Mexico State Engineer Office	<u>Monitoring Well H-2B2</u>	<u>C-2763</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
2	<u>72.</u> New Mexico State Engineer Office	<u>Monitoring Well H-2C</u>	<u>C-2759</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
3	<u>73.</u> New Mexico State Engineer Office	<u>Monitoring Well H-3B1</u>	<u>C-2764</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
4	<u>74.</u> New Mexico State Engineer Office	<u>Monitoring Well H-3B2</u>	<u>C-2760</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
5	<u>75.</u> New Mexico State Engineer Office	<u>Monitoring Well H-3B3</u>	<u>C-2761</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
6	<u>76.</u> New Mexico State Engineer Office	<u>Monitoring Well H-3D</u>	<u>pending</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
7	<u>77.</u> New Mexico State Engineer Office	<u>Monitoring Well H-4A</u>	<u>C-2725</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
8	<u>78.</u> New Mexico State Engineer Office	<u>Monitoring Well H-4B</u>	<u>C-2775</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
9	<u>79.</u> New Mexico State Engineer Office	<u>Monitoring Well H-4C</u>	<u>C-2776</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
10	<u>80.</u> New Mexico State Engineer Office	<u>Monitoring Well H-5A</u>	<u>C-2746</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
11	<u>81.</u> New Mexico State Engineer Office	<u>Monitoring Well H-5B</u>	<u>C-2745</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
12	<u>82.</u> New Mexico State Engineer Office	<u>Monitoring Well H-5C</u>	<u>C-2747</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
13	<u>83.</u> New Mexico State Engineer Office	<u>Monitoring Well H-6A</u>	<u>C-2751</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
14	<u>84.</u> New Mexico State Engineer Office	<u>Monitoring Well H-6B</u>	<u>C-2749</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
15	<u>85.</u> New Mexico State Engineer Office	<u>Monitoring Well H-6C</u>	<u>C-2750</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
16	<u>86.</u> New Mexico State Engineer Office	<u>Monitoring Well H-7A</u>	<u>C-2694</u>	<u>04/17/00</u>	<u>None</u>	<u>Active</u>

	<u>Granting Agency</u>	<u>Type of Permit</u>	<u>Permit Number</u>	<u>Granted/ Submitted</u>	<u>Expiration</u>	<u>Current Permit Status</u>
1	<u>87.</u> New Mexico State Engineer Office	<u>Monitoring Well H-7B1</u>	<u>C-2770</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
2	<u>88.</u> New Mexico State Engineer Office	<u>Monitoring Well H-7B2</u>	<u>C-2771</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
3	<u>89.</u> New Mexico State Engineer Office	<u>Monitoring Well H-7C</u>	<u>C-2772</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
4	<u>90.</u> New Mexico State Engineer Office	<u>Monitoring Well H-8A</u>	<u>C-2780</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
5	<u>91.</u> New Mexico State Engineer Office	<u>Monitoring Well H-8B</u>	<u>C-2781</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
6	<u>92.</u> New Mexico State Engineer Office	<u>Monitoring Well H-8C</u>	<u>C-2782</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
7	<u>93.</u> New Mexico State Engineer Office	<u>Monitoring Well H-9A</u>	<u>C-2785</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
8	<u>94.</u> New Mexico State Engineer Office	<u>Monitoring Well H-9B</u>	<u>C-2783</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
9	<u>95.</u> New Mexico State Engineer Office	<u>Monitoring Well H-9C</u>	<u>C-2784</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
10	<u>96.</u> New Mexico State Engineer Office	<u>Monitoring Well H-10A</u>	<u>C-2779</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
11	<u>97.</u> New Mexico State Engineer Office	<u>Monitoring Well H-10B</u>	<u>C-2778</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
12	<u>98.</u> New Mexico State Engineer Office	<u>Monitoring Well H-10C</u>	<u>C-2695</u>	<u>04/17/00</u>	<u>None</u>	<u>Active</u>
13	<u>99.</u> New Mexico State Engineer Office	<u>Monitoring Well H-11B1</u>	<u>C-2767</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
14	<u>100.</u> New Mexico State Engineer Office	<u>Monitoring Well H-11B2</u>	<u>C-2687</u>	<u>04/17/00</u>	<u>None</u>	<u>Active</u>
15	<u>101.</u> New Mexico State Engineer Office	<u>Monitoring Well H-11B3</u>	<u>C-2768</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
16	<u>102.</u> New Mexico State Engineer Office	<u>Monitoring Well H-11B4</u>	<u>C-2769</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>

	<u>Granting Agency</u>	<u>Type of Permit</u>	<u>Permit Number</u>	<u>Granted/ Submitted</u>	<u>Expiration</u>	<u>Current Permit Status</u>
1	<u>103.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well H-12</u>	<u>C-2777</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
2	<u>104.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well H-14</u>	<u>C-2766</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
3	<u>105.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well H-15</u>	<u>C-2685</u>	<u>04/17/00</u>	<u>None</u>	<u>Active</u>
4	<u>106.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well H-16</u>	<u>C-2753</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
5	<u>107.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well H-17</u>	<u>C-2773</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
6	<u>108.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well H-18</u>	<u>C-2683</u>	<u>04/17/00</u>	<u>None</u>	<u>Active</u>
7	<u>109.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well H-19B0</u>	<u>C-2420</u>	<u>01/25/95</u>	<u>01/31/98</u>	<u>Inactive</u> <u>Renew when necessary</u>
8	<u>110.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well H-19B1</u>	<u>C-2420</u>	<u>01/25/95</u>	<u>01/31/98</u>	<u>Inactive</u> <u>Renew when necessary</u>
9	<u>111.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well H-19B2</u>	<u>C-2421</u>	<u>01/25/95</u>	<u>01/31/98</u>	<u>Inactive</u> <u>Renew when necessary</u>
10	<u>112.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well H-19B3</u>	<u>C-2422</u>	<u>01/25/95</u>	<u>01/31/98</u>	<u>Inactive</u> <u>Renew when necessary</u>
11	<u>113.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well H-19B4</u>	<u>C-2423</u>	<u>01/25/95</u>	<u>01/31/98</u>	<u>Inactive</u> <u>Renew when necessary</u>
12	<u>114.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well H-19B5</u>	<u>C-2424</u>	<u>01/25/95</u>	<u>01/31/98</u>	<u>Inactive</u> <u>Renew when necessary</u>
13	<u>115.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well H-19B6</u>	<u>C-2425</u>	<u>01/25/95</u>	<u>01/31/98</u>	<u>Inactive</u> <u>Renew when necessary</u>

	<u>Granting Agency</u>	<u>Type of Permit</u>	<u>Permit Number</u>	<u>Granted/ Submitted</u>	<u>Expiration</u>	<u>Current Permit Status</u>
1	<u>116.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well H-19B7</u>	<u>C-2426</u>	<u>01/25/95</u>	<u>01/31/98</u>	<u>Inactive</u> <u>Renew when necessary</u>
2	<u>117.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well P-14</u>	<u>C-2637</u>	<u>01/02/99</u>	<u>None</u>	<u>Active</u>
3	<u>118.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well P-15</u>	<u>C-2686</u>	<u>04/17/00</u>	<u>None</u>	<u>Active</u>
4	<u>119.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well P-17</u>	<u>C-2774</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
5	<u>120.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well P-18</u>	<u>C-2756</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
6	<u>121.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well WIPP-12</u>	<u>C-2639</u>	<u>01/12/99</u>	<u>None</u>	<u>Active</u>
7	<u>122.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well WIPP-13</u>	<u>C-2748</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
8	<u>123.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well WIPP-18</u>	<u>C-2684</u>	<u>04/17/00</u>	<u>None</u>	<u>Active</u>
9	<u>124.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well WIPP-19</u>	<u>C-2755</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
10	<u>125.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well WIPP-21</u>	<u>C-2754</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
11	<u>126.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well WIPP-25</u>	<u>C-2723</u>	<u>07/26/00</u>	<u>None</u>	<u>Active</u>
12	<u>127.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well WIPP-26</u>	<u>C-2724</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
13	<u>128.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well WIPP-27</u>	<u>C-2722</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
14	<u>129.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well WIPP-28</u>	<u>C-2636</u>	<u>01/12/99</u>	<u>None</u>	<u>Active</u>
15	<u>130.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well WIPP-29</u>	<u>C-2743</u>	<u>11/06/00</u>	<u>None</u>	<u>Active</u>
16	<u>131.</u> <u>New Mexico State Engineer Office</u>	<u>Monitoring Well WIPP-30</u>	<u>C-2727</u>	<u>08/04/00</u>	<u>None</u>	<u>Active</u>

## Item 10

### Description:

This PMN clarifies the location of equipment in the RCRA Contingency Plan.

### Basis:

To ensure clarity in the HWFP, Table F-7 has been revised to show that emergency equipment is as shown in Figure F-5.

### Discussion:

This change to the RCRA Contingency Plan clarifies the location of emergency equipment.

### Revised Permit Text:

a. 1. Attachment F, Table F-7

**TABLE F-7**  
**TYPES OF FIRE SUPPRESSION SYSTEMS BY LOCATION**

LOCATION	AS	AD	MPS	IFHC	PFE
Waste Handling Building	*		*	*	*
Support Building	*		*	*	*
Exhaust Filter Building	*		*	*	*
Water Pumpouse	*		*	*	*
Underground Support Areas (also has rescue truck) <u>(as illustrated in Figure F-5)</u>		*	*		*
Station A Effluent Monitoring Shed			*		*
Station B Effluent Monitoring Shed			*		*

<sup>(1)</sup>Symbols for WIPP fire-protection systems:

AS = Automatic Wet Pipe Sprinkler System  
AD = Automatic Dry Chemical Extinguishing System  
MPS = Manual Pull Stations  
IFHC = Interior Fire Hose Connections  
PFE = Portable Fire Extinguishers

<sup>(2)</sup>The Waste Handling Building and the Support Building contain the following:

- Automatic wet pipe sprinklers
- Interior fire hose connections
- Fire detection in the heating, ventilation, and air conditioning instrumentation (Support Building, only)
- Manual pull stations

- 1            -        Portable fire extinguishers
- 2            -        Automatic detectors
  
- 3        The Safety and Emergency Services Building contains the following:
- 4            -        Automatic wet pipe sprinklers
- 5            -        Manual pull stations
- 6            -        Portable fire extinguishers
- 7            -        Automatic detectors
  
- 8        The Core Storage Building contains the following:
- 9            -        Automatic wet pipe sprinklers
- 10          -        Portable fire extinguishers
  
- 11        <sup>(3)</sup>The Exhaust Filter Building, Underground Facilities, Warehouse/Shops Building, Water Pumphouse, and
- 12        Salt Handling Hoist house also have portable fire extinguishers, manual pull stations, and automatic
- 13        detectors.

## **Attachment B**



**Table F-6**

**Emergency Equipment Maintained at the Waste Isolation Pilot Plant**

**TABLE F-6  
EMERGENCY EQUIPMENT MAINTAINED  
AT THE WASTE ISOLATION PILOT PLANT**

Equipment	Description and Capabilities	Location
Communications		
Building Fire Alarms	Manual pull stations and automatic devices (sprinkler system flow, and smoke and thermal detectors) trigger fire alarm; locally visible and audible; visual display and alarm in Central Monitoring Room (CMR)	Guard and Security Building, Pumphouse, Warehouse/Shops, Exhaust Filter Building, Support Building, CMR/ Computer Room, Waste Handling Building, TRUPACT Maintenance Facility, SH Hoisthouse, Maintenance Shops, Guard Shack*, Auxiliary Warehouse, Core Storage Building, Engineering Building, Training Facility, Safety Building, Maintenance Shop, Hazardous Waste Storage (non-TRU) Area (Facility 474)  *local alarms; not connected to the CMR
Underground Fire Alarms	Automatic/Manual; have priority over other paging channel signals but not override intercom channels; alarms sound in the general area of the control panel and are connected to the underground evacuation alarms; they also interface with the CMR.	Fire detection and control panel locations: Waste Shaft <u>Underground Station</u> , SH Shaft <u>Underground Station</u> , Panel 1 (outside room 1), E-O/N-1200, Fuel Station-#2
Site-wide Evacuation Alarm	Transmitted over paging channel of the public address system, overriding its normal use; manually initiated according to procedures requiring evacuation; audible alarm produced by tone generator at 10 decibels above ambient noise level (or at least 75 decibels); flashing strobe lights; radios and/or pagers are used to notify facility personnel outside alarm range. Monthly test are performed on the PA, site notification alarms, and plectrons.	Site-wide
Vehicle Siren	Manual; oscillating; emergency services/surface response vehicles, is mechanical and electronic.	WIPP surface emergency vehicles

**TABLE F-6  
EMERGENCY EQUIPMENT MAINTAINED  
AT THE WASTE ISOLATION PILOT PLANT**

Equipment	Description and Capabilities	Location
Public Address System	Includes intercom phones; handset stations and loudspeaker assemblies, each with own amplifiers; multichannel, one for public address and pages, and others for independent party lines.	Surface and underground
Intraplant Phones	Private automatic branch exchange; direct dial; provide communication link between surface and underground operations	Throughout surface and underground
Mine Page Phones	Battery-operated paging system	CMR, Mine Rescue Room, EOC, lamproom, underground at S550/W30, S100/W30, S1950/E140, <del>Salt</del> <u>SH</u> Shaft <u>Collar and Underground</u> Station, Waste Shaft <u>Collar and Underground</u> Station, FSM desk.
Emergency Pagers	Manual; , intermittent alarm signals	Issued to appropriate emergency personnel
Plectrons	Tone-alert radio receivers placed in areas not accessible by the public address system	Site-wide
Portable Radios	Two-way, portable; transmits and monitors information to/from other transmitters	Issued to individuals
Plant Base Radios	Two-way, stationary, <del>UHF</del> VHF-FM; linked to Eddy County Sheriff Department, NM State Police, and Otis Fire Department), and WIPP Channels 1- <u>18 4</u> (Communication with the Lea County Sheriff's Department, the Hobbs Fire Department, Carlsbad Medical Center and Lea Regional Hospital is available via the Eddy County dispatcher) (Site Security, Site Operations and Site Emergency, maintenance, repeater to Carlsbad) <u>Wireless communications such as cellular phones may be used to contact the Eddy County emergency responders.</u>	Various site locations
Mobile Phones	Provide communications link between WIPP Security and key personnel	Issued to individuals plus emergency vehicles,
Spill Response		

**TABLE F-6  
EMERGENCY EQUIPMENT MAINTAINED  
AT THE WASTE ISOLATION PILOT PLANT**

Equipment	Description and Capabilities	Location
SPILL-X-S Guns and Recharge Powder	Containment; (1)SPILL-X model SC-30-C(Gun) (1)SPILL-X model XC-30-S(Gun) (1)SPILL-X model SC-30-A(Gun); (1) A-Acid, 5 gallon bucket (Recharge Powder) (1)S-Solvent, 5 gallon bucket (Recharge Powder) (1)C-Caustic, 5 gallon bucket (Recharge Powder)	HAZMAT trailer
Absorbent Sheets	Containment or cleanup; (1) 3' x 100' Sheet	HAZMAT trailer
Absorbents	Grab and Go container; spill control bucket; (1) for solvents and neutralizing absorbents; 5 gallon bucket (1) for acids/caustics; 5 gallon bucket	HAZMAT trailer
Absorbent Material	Containment or cleanup; (1) 100 ft. rolled or equivalent socks " Pig" for general liquid (1) 100 ft. rolled or equivalent socks " Pig" for oil	HAZMAT trailer
Air Bag System	Extrication, Stabilization, Cribbing (1) bag system with tank kit and the following bag sizes: (1)12-ton, (1) 21.8-ton, (1)17-ton	Surface rescue truck
Air Chisel	Extrication (1) Capable of cutting 3/16" steel	Surface rescue truck
Drum Transfer Pumps and Drum Opener	Containment or cleanup; (1) unit for chemical transfer (1) hand operated pump for petroleum transfer (1) drum opener	HAZMAT trailer
Floor Squeegee	Containment or cleanup; (1) straight rubber blade, nonwood handle	HAZMAT trailer
Foam Concentrate	AFFF 6% (4) 5-gallon pail	Fire truck # 1
Gas Cylinder Leak Control Kit	(1)Series A Hazardous Material Response Kit; contains nonsparking equipment to control and plug leaks	HAZMAT trailer
Portable Generator	(1)Backup power; 5,000 watt; 120 or 240 volt	Surface rescue truck

**TABLE F-6  
EMERGENCY EQUIPMENT MAINTAINED  
AT THE WASTE ISOLATION PILOT PLANT**

Equipment	Description and Capabilities	Location
Hand Tools	<p>Containment and cleanup; Underground rescue truck:</p> <p>(1)12# Sledge Hammer (1)3/8" Drive Socket Set (1)1/2" Drive Socket Set (1)3/4" Drive Socket Set (1)25' 1/2" Chain (1)6' Wrecking Bar (1)Bottle Jack (1)4# Hammer (1)18" Crescent Wrench (1)5' Pry Bar (1)2' Pry Bar (1)100' Extension Cord (1)4' Nylon Sling (1)6' Nylon Sling (1)10' Nylon Sling</p> <p>These tools are located in the HAZMAT Trailer. They are non-sparking.</p> <p>(1)14"L adjustable pipe wrench (1)15" multi-opening bung wrench (1)hammer/crate opener (1)8" pipe pliers (1)8" blade Phillips (1)#2 screwdriver (1)6" blade standard screwdriver (1)Claw Hammer</p>	Underground rescue truck, HAZMAT trailer
Come-a-longs	(1) 4-ton; cable-type Ratchet lever tool designed specifically for lifting, lowering and pulling applications including jobs requiring rigging, positioning, and stretching. Used in rescue for extrication.	Surface rescue truck and underground rescue truck
Porta-power	(1) 10-ton hydraulic, hand-powered jaws used for extrication during rescues.	Surface rescue truck
Jugs	Containment or cleanup; (4) 1-gallon plastic	HAZMAT trailer
Pails	Containment or cleanup; (3) 5-gallon plastic with lid	HAZMAT trailer

**TABLE F-6  
EMERGENCY EQUIPMENT MAINTAINED  
AT THE WASTE ISOLATION PILOT PLANT**

Equipment	Description and Capabilities	Location
Portable Lighting	(1) Emergency lighting system; 120 volts; 500-watt bulbs, suitable for wet location	Underground rescue truck
Patching Kit	Series A Hazardous Response Kit; Class A; contains nonsparking equipment to control and plug leaks.	HAZMAT trailer
Scoops and Shovels	Cleanup; plastic; various sizes; nonsparking; nonwood handles (1) Scoop (3) Shovels	HAZMAT trailer
Medical Resources		
Ambulance #1	Equipped as per Federal Specifications KKK-A-1822 and New Mexico Emergency Medical Services Act General Order 35; equipped with a radio to Carlsbad Medical Center, VHF radio, UHF medical frequency, cellular phone	Surface (Safety and Emergency Services Facility)
Ambulance #2	Diesel hardcab ambulance equipped with first aid kit, 2 stretchers, and other associated medical supplies	Underground
Rescue Truck	Special purpose vehicle; light and heavy duty rescue equipment; transports 1 litter patient, medical oxygen and supplies for mass casualties, fire suppression support equipment (rescue tool, air bag, K-12 Rescue Saw, 5,000-watt generator, self-contained breathing apparatus (SCBA), and much more equipment	Surface (Safety and Emergency Services Facility)
Fire Detection and Fire Suppression Equipment		
Building Smoke, Thermal Detectors, or Manual Pull Stations	Ionization and photoelectric or fixed temperature/rate of rise detectors; visual display and alarm in CMR; manual pull stations. The underground has manual fire alarm pull stations located where personnel have access when evacuating. These are connected to the U/G evacuation alarm.	Guard and Security Building, Warehouse/Shops, Support Building, CMR/Computer Room, Waste Handling Building, TRUPACT Maintenance Facility, Waste Shaft <del>Collar Station</del> , Underground Fuel Station, SH Hoisthouse, Engineering Building, Industrial Safety Building, Training Facility
Fire Truck # 1	Equipped per Class "A" fire truck per NFPA; capacity 750 gallons, with pump capacity of 1200 gallons per minute	Surface (Safety and Emergency Services Facility)

**TABLE F-6  
EMERGENCY EQUIPMENT MAINTAINED  
AT THE WASTE ISOLATION PILOT PLANT**

Equipment	Description and Capabilities	Location
Rescue Truck # 2 (U/G)	(1) 125-pound dry chemical extinguisher (1) 150-pound foam extinguisher	Underground
Extinguishers	Individual fire extinguisher stations; various types located throughout the facility, conforming to NFPA-10.	Buildings, underground, and underground vehicles
Automatic Dry Chemical Extinguishing Systems	Automatic; 1,000-pound system (Purple K); actuated by thermal detectors or by manual pull stations	Underground fuel station
Sprinkler Systems	Fire alarms activated by water flow	Pumphouse, Guard and Security Building, Support Building, Waste Handling Building (contact-transuranic waste area only), Warehouse/Shops Building, Auxiliary Warehouse Building, TRUPACT Maintenance Facility, Training Facility, SH Shaft Station, Hoisthouse, Exhaust Filter Building, Engineering Building, and Safety Building
Water Tanks, Hydrants	Fire suppression water supply; one 180,000-gallon capacity tank, plus a second tank with 100,000 gallon reserve	Tanks are at southwestern edge of WIPP facility; pipelines and hydrants are throughout the surface
Fire Water Pumps	Fire suppression water supply; 125 pounds per square inch, 1,500 gallons per minute centrifugal pump, one with electric motor drive, the other with diesel engine; pressure maintenance pump	Pumphouse
Fire Hose Connections	Fire suppression water supply	Pumphouse, Guard and Security Building, Support Building, Waste Handling Building (contact-transuranic waste area only), Warehouse/Shops Building, Auxiliary Warehouse Building, TRUPACT Maintenance Facility, Engineering Building, Exhaust Filter Building
Personal Protection Equipment		

**TABLE F-6  
EMERGENCY EQUIPMENT MAINTAINED  
AT THE WASTE ISOLATION PILOT PLANT**

Equipment	Description and Capabilities	Location
Headlamps	Mounted on hard hat; battery operated	Each person underground
Underground Self-Rescuer Units	Short-term rebreathers; approximately 300	Each person underground
Self-Contained Breathing Apparatus (SCBA)	Oxygen supply; 4-hour units; approximately 14 Mine Rescue Team Draeger units	Mine Rescue Training Room
Chemical and Chemical-Supported Gloves	Body protection; (12 pair) inner-cloth, (12 pair) outer-pvc, (5 pair) outer-viton	HAZMAT trailer
Suit, Acid	Body protection; (4) acid	HAZMAT trailer
Suit, Fully Encapsulated	Body protection; used with SCBAs; full outerboot; (4) Level A; (4) Level B	HAZMAT trailer
Emergency Medical Equipment		
Antishock Trousers	Shock treatment; (2) inflatable, one on each ambulance	Ambulance # 1 and # 2
<del>Laerdal 3000 QRS</del> <u>Zoll 1600 Heart Monitor and Defibrillator</u>	<u>Heart</u> Monitor/defibrillator	Ambulance # 1 and # 2
Oxygen	Patient care; Size D: (2) Ambulance #1 (1) Underground Ambulance (1) Health Services Size E: (1) Rescue Truck (2) Underground Ambulance Size M: (1) Ambulance #1	Ambulance # 1 and # 2, surface rescue truck



**TABLE F-6  
EMERGENCY EQUIPMENT MAINTAINED  
AT THE WASTE ISOLATION PILOT PLANT**

Equipment	Description and Capabilities	Location
Resuscitators (Bag)	Disposable bag resuscitation Ambulance #1: (2) adult size (1) child size Underground Ambulance: (2) adult size	Ambulance # 1, Ambulance # 2
Splints	Immobilize limbs; (1) Adult traction splint, lower extremity, with limb-supporting slings, padded ankle hitch and traction device per ambulance. (2) Rigid splinting devices or equivalents, suitable for immobilization of upper extremities per ambulance. (2) Rigid splinting devices or equivalents, suitable for the immobilization of lower extremities. (1) Set of Airsplints: 6 assorted splints; hand/wrist, half arm, full arm, foot/ankle, half leg, and full leg per miner's aid stations.	Ambulance # 1 and # 2, Miner's Aid Stations
Stretchers	Patient transport; (2) Spine Boards, one short and one long, with nylon straps per ambulance. (also used to perform cardiopulmonary resuscitation) (2) Emergency Stretchers or scoops, or combination per ambulance (1) All-purpose multi-level ambulance stretch (gurney), with 3 safety straps and locking mechanism per ambulance. (1) Stretcher in each miner's aid station.	Various combinations in Ambulance # 1 and # 2, Miner's Aid Station
Suctions	For medical emergencies: Portable (1) Suction unit, capable of delivering at least 300 mm. HG on each ambulance.	Ambulances #1 and #2

**TABLE F-6  
EMERGENCY EQUIPMENT MAINTAINED  
AT THE WASTE ISOLATION PILOT PLANT**

Equipment	Description and Capabilities	Location
Trauma Kits	(1) adult blood pressure cuff and stethoscope (4) soft-roller bandages (3) triangular bandages (1) pkg. band-aids (2) trauma dressings (25) 4X4 sponges (1) roll adhesive tape (1) bite stick (1) penlight (1) sterile burn sheet (1) oropharyngeal airway (1) glucose substance (2) sterile gauze dressings	(1) kit in each: Ambulances #1 and #2, surface rescue truck
Miner's Aid Station	For First Aid Stations in the Underground (1) Stretcher--as referenced above per station (1) Set of airsplints--as referenced above per station (1) Blanket per station (1) Box of latex gloves (50) per station (5) Pathogen Wipes per station (1) First Aid Kit (24) per station; includes, (3) Band-Aid Combo Paks (2) Swabs, PVP (1) Antibiotic Ointment (1) Sting-Kill Swab (2) Dressing, compresses (2) Roller Bandages (2) Tape (2) Triangle Bandage (1) Eyedressing Pak (1) Burn Dressing (1) Ammonia Inhalants (1) User Log Sheet	Miner's Aid Stations - <u>Various Underground Locations</u>

**TABLE F-6  
EMERGENCY EQUIPMENT MAINTAINED  
AT THE WASTE ISOLATION PILOT PLANT**

Equipment	Description and Capabilities	Location
First Aid Supplies	<p>According to General Order #35</p> <p>(12) bandages, soft roller, self-adhering type--4" or 6" x 5 yards.</p> <p>(6) triangular bandages, 40"</p> <p>(1) box band-aids</p> <p>(1) 1 pair bandage shears</p> <p>(6) Trauma dressings, 30" x 10"</p> <p>(6) Trauma dressings, 5" x 7"</p> <p>(50) 4" x 4" sponges, individually wrapped and sterile</p> <p>(2) rolls adhesive tape</p> <p>(1) penlight</p> <p>(2) sterile burn sheets</p> <p>(2) oropharyngeal airways -- adult</p> <p>(2) oropharyngeal airways -- child (Ambulance #1 only)</p> <p>(2) oropharyngeal airways -- infant (Ambulance #1 only)</p> <p>(1) Glucose substance</p> <p>(3) Occlusive dressings</p> <p>(1) Roll aluminum foil</p> <p>(6) Rigid cervical collars--2 each small, medium and large sizes</p> <p>(4) Cold packs</p> <p>(4) Heat packs</p> <p>(2) Bite sticks</p>	Ambulance #1
First Aid Supplies	<p>(2) Transfer sheets</p> <p>(2) Blankets</p>	Ambulances #1 and #2
First Aid Supplies	<p>(2) #16g angiosets</p> <p>(2) #18g angiosets</p> <p>(2) #20g angiosets</p> <p>(1) 1000cc LR IV fluid</p> <p>(1) 500cc NS IV fluid</p>	Ambulances #1 and #2, surface rescue truck
General Plant Emergency Equipment		
Emergency Lighting	For employee rescue and evacuation, and fire/spill containment; linked to main power supply, and selectively linked to back up diesel power supply and/or battery-backed power supply	Surface and underground

**TABLE F-6  
EMERGENCY EQUIPMENT MAINTAINED  
AT THE WASTE ISOLATION PILOT PLANT**

Equipment	Description and Capabilities	Location
Backup Power Sources	Two diesel generators, and battery-powered uninterruptible power supply (UPS); use limited to essential loads; manual or remote starting 1,100-kilowatt diesel generators with on-site fuel for 62% load for 3 days for selected loads; 30-minute battery capacity for essential loads	Generators are east of Safety and Emergency Services Building; UPS is located at the essential loads
Hoists	Hoists in Waste Shaft, Air Intake Shaft, and SH Shaft	Waste Shaft, Air Intake Shaft, SH Shaft
Radiation Monitoring Equipment	(5) Portable alpha and beta survey meters, portable air samplers, and portable continuous air monitors	Building <del>454</del> <u>412</u>
Emergency Shower	For emergency flushing of contaminated individual	Surface
Eye Wash Fountains	For emergency flushing of affected eyes	Various locations on surface and in the underground
Decon Shower Equipment	Self-contained decon shower trailer, portable decon shower unit, disposable decon shower	Surface
Overpack containers	14-85 Gallon drums 4-SWBs	Building <del>411</del> <u>481</u> Building <del>411</del> <u>481</u>
HEPA Vacuums	2 HEPA Vacuums to be utilized for removal of contamination.	<del>Waste Handling</del> Building <u>481</u>
Aquaset or Cement	100 lbs. of aquaset or cement material for solidification of liquid waste generated as a result of fire fighting water or decontamination solutions.	<del>Waste Handling</del> Building <u>481</u>
Polyvinyl Alcohol or Paint	1 - 5 gallon bucket of approved fixative to be used during recovery.	<del>Waste Handling</del> Building <u>481</u>
TDOP Upender	Upender facilitates overpacking standard waste boxes	Building <del>411</del> <u>481</u>
Non hazardous Decontaminating Agents	4-1 Gallon bottles for decontamination of surfaces, equipment, and personnel	Building <del>411</del> <u>481</u>

**Figure F-5**

**Underground Emergency Equipment Locations and Underground Evacuation  
Routes**

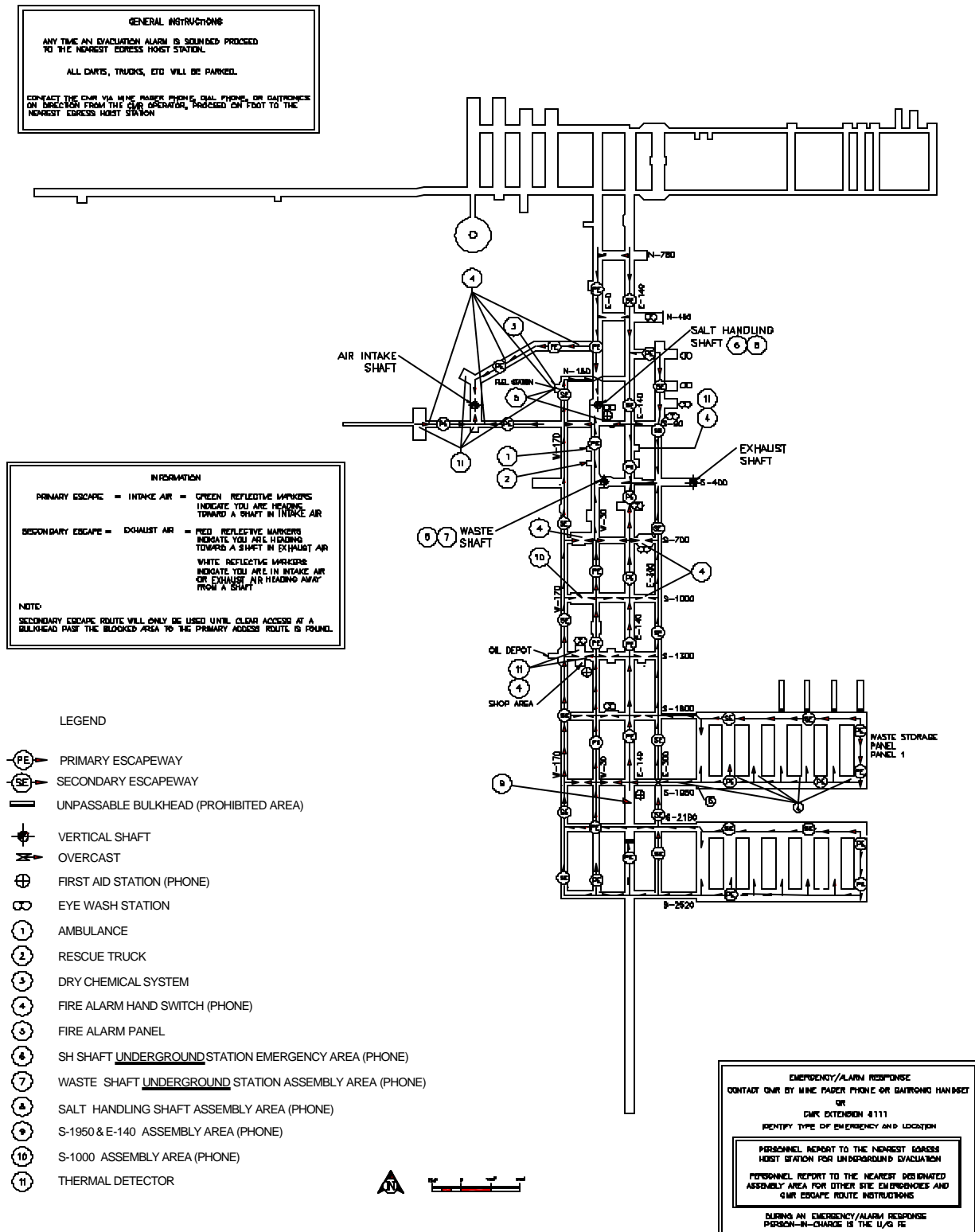


Figure F-5  
Underground Emergency Equipment Locations and Underground Evacuation Routes

**Figure F-12**

**WIPP Hazardous Materials Incident Report**

<b>WIPP HAZARDOUS MATERIAL INCIDENT REPORT</b>				
Date: _____		Location: _____		
I. INITIAL INFORMATION    DATE: _____    TIME: _____    EST: _____				
REPORTED LOCATION: _____				
REPORTED BY: _____				DEPT.: _____
INITIALLY REPORTED TO: _____				DEPT.: _____
RESPONSIBLE MANAGER: _____				DEPT.: _____
II. WEATHER CONDITIONS    WIND DIRECTION: _____    WIND SPEED: _____ mph    TEMP.: _____ F				
CONDITIONS (i.e., icy, snowing, raining, cloudy, sunny): _____				
III. TYPE OF INCIDENT (SPILL OR RELEASE, LEAK, ETC.): _____				
Fire Involved: [   ] YES [   ] NO                      (If fire is involved attach a copy of the fire report)				
<u>MATERIALS INVOLVED</u>	<u>UN/NA NO.</u>	<u>QUANTITY</u>	<u>HAZARD CLASS</u>	<u>NFPA CLASS</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
IV. PERSONNEL INVOLVED IN CLEANUP ACTIVITIES				
<u>PERSONNEL/DEPT.</u>		<u>DECON METHOD/MEDICAL TREATMENT</u>		
_____	_____	_____		
_____	_____	_____		
_____	_____	_____		
_____	_____	_____		
_____	_____	_____		
_____	_____	_____		
_____	_____	_____		
_____	_____	_____		
V. PERSONNEL CONTAMINATED NOT INVOLVED IN THE CLEANUP ACTIVITIES				
<u>PERSONNEL/DEPT.</u>	<u>MATERIAL CONTACTED</u>	<u>DECON/MEDICAL TREATMENT</u>		
_____	_____	_____		
_____	_____	_____		
_____	_____	_____		

Figure F-12  
WIPP Hazardous Materials Incident Report  
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<b>WIPP HAZARDOUS MATERIAL INCIDENT REPORT</b>		
Date: _____ Location: _____		
<b>VI. EQUIPMENT USED FOR CLEANUP AND CONTROL MEASURES</b>		
<u>EQUIPMENT/MATERIAL/PPE</u>	<u>QUANTITY</u>	<u>DISPOSITION (decon or replacement)</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
<b>VII. DESCRIPTION OF INCIDENT AND RESPONSE (including containment and control)</b>		
_____		
_____		
_____		
_____		
_____		
_____		
_____		
_____		
<b>VIII. ENVIRONMENTAL COMPLIANCE <del>AND</del> SUPPORT</b>		
Date: _____ Time: _____ of evaluation.		
Waste Category _____		
<u>Disposition:</u>		
<u>ORGANIZATION</u>	<u>DATE</u>	<u>TIME</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
EC Representative: _____		
Print name	Signature	Date

Figure F-12  
WIPP Hazardous Materials Incident Report  
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<b>WIPP HAZARDOUS MATERIAL INCIDENT REPORT</b>			
Date: _____		Location: _____	
<b>IX. INITIAL NOTIFICATION BY CMRO</b>			
<u>DEPARTMENT</u>	<u>PERSON CONTACTED</u>	<u>TIME</u>	<u>NOTIFIED BY</u>
Facility Ops. (FSM)	_____	_____	_____
Emerg. Svs. (EST)	_____	_____	_____
EC	_____	_____	_____
Industrial Safety	_____	_____	_____
Facility Ops. (FM/FMD)	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
CMRO: _____			
Print name	Signature	Date	
FSM: _____			
Print name	Signature	Date	
<b>X. CONTINGENCY PLAN IMPLEMENTATION</b>			
Contingency Plan implemented [ ] YES [ ] NO,			
FSM: _____			
Print name	Signature	Date	
<b>XI. WASTE MANAGEMENT</b>			
Disposition: _____			
Waste Management Representative: _____			
Print name	Signature	Date	
<b>XII. REVIEWS</b>			
Report submitted by: _____			
Print name	Signature	Date	
Emergency Management Manager: _____			
Print name	Signature	Date	
EC Manager: _____			
Print name	Signature	Date	
COMMENTS: _____			
_____			
_____			
_____			

Figure F-12  
WIPP Hazardous Materials Incident Report  
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